IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	: Dror Segal et al	Examiner	: Timothy M Harbeck
Serial No.	: 09/774,768	Confirmation No.	: 5534
Filed	: January 31, 2001	Group Art Unit	: 2143
For	: VIRTUAL TRADING FLOOR SYSTEM AND METHOD		

RESPONSE TO NOTICE OF NON-COMPLIANT APPEAL BRIEF

Electronically Filed February 10, 2009

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

  This paper is being filed in response to the notice of non-compliant appeal brief dated January 13, 2009. Appellant resubmits section V. Summary Of Claimed Subject Matter, which shall replace the corresponding section in the appeal brief dated September 2, 2008.

  If any additional fee is due or over payment made in connection with this paper, Appellant authorizes the Director to charge any such fee, and credit any overpayment, to Deposit Account No. 02-4377.

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V.   SUMMARY OF CLAIMED SUBJECT MATTER

Appellant's claimed subject matter relates to, inter alia, techniques for managing trading and system activity in a trading exchange and for displaying data representing the operation of an exchange having a trading area including a plurality of trading posts whereat selected securities are traded (e.g., an interactive decision support system for monitoring and responding to system and market events displayed within a two dimensional view of a three dimensional system model).

Claim 1 reads:

1. A method for managing trading and system activity in a trading exchange (e.g., para. [0009]), the method comprising

at a centralized location (e.g., para. [0006]), providing a visual display of trading exchange activity including systems activity and trading activity to a trading exchange supervisor or manager (e.g., paras. [0009]-[0010], [0030]) ; and

providing an interactive decision support interface coupled to the visual display of trading exchange activity (e.g., paras. [0009], [0030]); and

wherein providing the visual display of trading exchange activity comprises:

maintaining data representing a three dimensional model of said exchange's trading areas, said model including surfaces (e.g., paras. [0010], [0028]-[0030]);

receiving and maintaining in a computer memory data representing trading exchange activity (e.g., paras. [0009]-[0010], [0026], [0028]);

generating a two dimensional display representing an aspect view of said three dimensional model selected via the interactive decision support interface, said two

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dimensional display including perspective views of at least some of said surfaces of said model (e.g., paras. [0010], [0030]);

generating alphanumeric images of selected data representing trading exchange activity (e.g., paras. [0010], [0030]); and

mapping said alphanumeric images onto selected ones of said perspective views (e.g., paras. [0009]-[0010], [0030]).

Claim 5 reads:

5. A method for displaying data representing the operation of an exchange (e.g., [0009]-[0010], [0030]) having a trading area including a plurality of trading posts whereat selected securities are traded (e.g., para. [0036]), comprising:

at a centralized location (e.g., para. [0006]), providing a visual display of trading exchange activity including systems activity and trading activity to a trading exchange supervisor or manager (e.g., paras. [0009]-[0010], [0030]); and

providing an interactive decision support interface coupled to the visual display of trading exchange activity (e.g., paras. [0009], [0030]); and

wherein providing the visual display of trading exchange activity comprises:

maintaining data representing a three-dimensional model of said exchange trading area, said model including model portions representing said trading posts (e.g., para. [0009]-[0010], [0036]);

receiving and maintaining in a computer memory data representing trading of said securities (e.g., paras. [0009]-[0010], [0026], [0028], [0036]); and

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generating a two dimensional display representing an aspect view of said three dimensional model selected via the interactive decision support interface (e.g., paras. [0010], [0030]), said selected aspect view including one or more of said model portions representing said trading posts (e.g., para. [0036]), said model portions having selectable parts being selectable and operative when selected to display further data from said computer memory correlated to said selected parts (e.g., para. [0039]).

Claim 11 reads:

11. A system for managing trading and system activity in a trading exchange (e.g., paras. [0009]-[0010]), the system comprising:

at a centralized location (e.g., [0006]), a visual display of trading exchange activity including systems activity and trading activity (e.g., paras. [0009]-[0010], [0030]);

an interactive decision support interface coupled to the visual display of trading exchange activity (e.g., paras. [0009], [0030]); and

a computer system, configured and programmed to (e.g., para. [0023]):

(a) maintain data representing a three dimensional model of said exchange trading area, said model including surfaces (e.g., paras. [0010], [0028]-[0030]);

(b) receive data from said at least one data source (e.g., paras. [0009]-[0010], [0026], [0028]);

(c) format and normalize said data to provide formatted data of a predetermined format (e.g., para. [0025]);

(d) store and update said formatted data in at least one memory area (e.g., para. [0025]);

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(e) generate a two dimensional display image of a three dimensional model from an aspect view of said three dimensional model selected via the interactive decision support interface, said display image having perspective views of at least some of said surfaces of said model (e.g., paras. [0010], [0030]);

(f) generate alphanumeric images of selected data (e.g., paras. [0010], [0030]);

(g) map said alphanumeric images onto selected ones of said perspective views (e.g., paras. [0009]-[0010], [0030]); and

(h) receive commands designating said aspect view and for retrieving further data and updating said display image (e.g., para. [0060]);

Claim 15 reads:

15. A system for managing trading and system activity in a trading exchange (e.g., [0009]-[0010], [0030]) having a trading area including a plurality of trading posts whereat selected securities are traded (e.g., para. [0036]), the system comprising:

a visual display of data representing the operations of the trading area including a plurality of trading posts whereat selected securities are traded (e.g., paras. [0009]-[0010], [0030]),

an interactive decision support interface coupled to the visual display of trading exchange activity (e.g., paras. [0009], [0030]); and

a computer system, configured and programmed to (e.g., para. [0023]):

maintain data representing a three-dimensional model of said trading area, said model including model portions representing said trading posts (e.g., para. [0009]-[0010], [0036]);
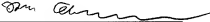
receive and maintain in a computer memory data representing trading of said securities (e.g., paras. [0009]-[0010], [0026], [0028], [0036]);

generate a two dimensional display representing an aspect view of said three dimensional model selected via the interactive decision support interface (e.g., paras. [0010], [0030]), said selected aspect view including one or more of said model portions representing said trading posts (e.g., para. [0036]), said model portions having selectable parts being selectable and operative when selected to display further data from said computer memory correlated to said selected parts (e.g., para. [0039]).

For the reasons set forth in the appeal brief of September 2, 2008, the Examiner' rejections of claims 1-23 should be reversed.

Respectfully submitted,

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